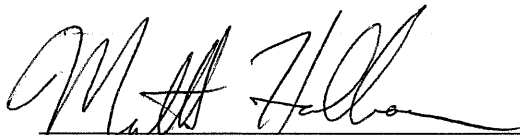


**CERTIFICATION PURSUANT TO
THE FEDERAL SECURITIES LAWS**

I, Matthew Halbower, on behalf of PWCM Master Fund Ltd., Pentwater Thanksgiving Fund LP, Pentwater Merger Arbitrage Master Fund Ltd., Oceana Master Fund Ltd., LMA SPC for and on behalf of the MAP 98 Segregated Portfolio, Pentwater Equity Opportunities Master Fund Ltd., and Crown Managed Accounts SPC acting for and on behalf of Crown/PW Segregated Portfolio (collectively, the “Pentwater Funds”), hereby certify, as to the claims asserted under the federal securities laws, that:

1. I am authorized to sign this certification on behalf of the Pentwater Funds, the Court-appointed Lead Plaintiff. I have reviewed the Consolidated Complaint in this matter and authorize its filing by counsel.
2. The Pentwater Funds did not purchase the securities that are the subject of this action at the direction of counsel or in order to participate in any action arising under the federal securities laws.
3. The Pentwater Funds are willing to serve as a representative party on behalf of the Class, including providing testimony at deposition and trial, if necessary.
4. The Pentwater Funds fully understand the duties and responsibilities of the lead plaintiff under the Private Securities Litigation Reform Act of 1995, including the selection and retention of counsel and overseeing the prosecution of the action for the Class.
5. The Pentwater Funds’ transactions in the Turquoise Hill Resources Ltd. securities that are the subject of this action are set forth in the chart attached hereto.
6. With the exception of this action, the Pentwater Funds have not sought to serve as a lead plaintiff or representative party on behalf of a class in any action under the federal securities laws filed during the three-year period preceding the date of this Certification.
7. The Pentwater Funds will not accept any payment for serving as a representative party on behalf of the Class beyond the Pentwater Funds’ pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class, as ordered or approved by the Court.

I declare under penalty of perjury that the foregoing is true and correct. Executed this 16th day of March, 2021.



Matthew Halbower
On behalf of the Pentwater Funds

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
PWCM Master Fund Ltd.	Purchase	7/26/2018	17,800	2.8131
PWCM Master Fund Ltd.	Purchase	7/27/2018	71,200	2.7887
PWCM Master Fund Ltd.	Purchase	7/30/2018	44,500	2.7948
PWCM Master Fund Ltd.	Purchase	7/30/2018	44,500	2.7495
PWCM Master Fund Ltd.	Purchase	7/30/2018	89,000	2.7725
PWCM Master Fund Ltd.	Purchase	8/1/2018	103,240	2.7075
PWCM Master Fund Ltd.	Purchase	8/1/2018	30,260	2.7421
PWCM Master Fund Ltd.	Purchase	8/2/2018	111,250	2.6132
PWCM Master Fund Ltd.	Purchase	8/3/2018	66,750	2.5993
PWCM Master Fund Ltd.	Purchase	8/3/2018	44,500	2.5999
PWCM Master Fund Ltd.	Purchase	8/6/2018	44,500	2.5580
PWCM Master Fund Ltd.	Purchase	8/7/2018	89,000	2.5438
PWCM Master Fund Ltd.	Purchase	8/7/2018	89,000	2.5460
PWCM Master Fund Ltd.	Purchase	8/8/2018	427,289	2.4940
PWCM Master Fund Ltd.	Purchase	8/8/2018	662,961	2.5063
PWCM Master Fund Ltd.	Purchase	8/10/2018	4,450	2.4401
PWCM Master Fund Ltd.	Purchase	8/10/2018	85,885	2.4493
PWCM Master Fund Ltd.	Purchase	8/10/2018	333,750	2.4500
PWCM Master Fund Ltd.	Purchase	8/13/2018	20,915	2.4485
PWCM Master Fund Ltd.	Purchase	9/11/2018	88	2.1450
PWCM Master Fund Ltd.	Purchase	9/24/2018	285,912	2.1349
PWCM Master Fund Ltd.	Purchase	9/24/2018	132,000	2.1500
PWCM Master Fund Ltd.	Purchase	9/25/2018	88,000	2.1296
PWCM Master Fund Ltd.	Purchase	9/26/2018	343,200	2.1323
PWCM Master Fund Ltd.	Purchase	9/26/2018	79,200	2.1493
PWCM Master Fund Ltd.	Purchase	9/26/2018	220,000	2.1300
PWCM Master Fund Ltd.	Purchase	9/26/2018	316,800	2.1742
PWCM Master Fund Ltd.	Purchase	9/26/2018	440,000	2.1300
PWCM Master Fund Ltd.	Purchase	9/27/2018	272,800	2.1186
PWCM Master Fund Ltd.	Purchase	9/27/2018	264,000	2.1200
PWCM Master Fund Ltd.	Purchase	9/27/2018	352,000	2.1149
PWCM Master Fund Ltd.	Purchase	9/28/2018	88,000	2.1111
PWCM Master Fund Ltd.	Purchase	9/28/2018	308,000	2.1200
PWCM Master Fund Ltd.	Purchase	9/28/2018	462,000	2.1200
PWCM Master Fund Ltd.	Purchase	10/1/2018	374,000	2.1155
PWCM Master Fund Ltd.	Purchase	10/2/2018	7,040	2.1379
PWCM Master Fund Ltd.	Purchase	10/2/2018	212,960	2.1423
PWCM Master Fund Ltd.	Purchase	10/3/2018	88,000	2.1300
PWCM Master Fund Ltd.	Purchase	10/3/2018	880,000	2.1305

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
PWCM Master Fund Ltd.	Purchase	10/3/2018	1,540,000	2.1300
PWCM Master Fund Ltd.	Purchase	10/4/2018	44,000	2.0525
PWCM Master Fund Ltd.	Purchase	10/4/2018	154,000	2.0582
PWCM Master Fund Ltd.	Purchase	10/4/2018	110,000	2.0500
PWCM Master Fund Ltd.	Purchase	10/5/2018	220,000	2.0376
PWCM Master Fund Ltd.	Purchase	10/5/2018	660,000	2.0199
PWCM Master Fund Ltd.	Purchase	10/8/2018	44,000	2.0080
PWCM Master Fund Ltd.	Purchase	10/10/2018	194,890	1.9721
PWCM Master Fund Ltd.	Purchase	10/10/2018	91,110	1.9600
PWCM Master Fund Ltd.	Purchase	10/10/2018	396,000	1.9992
PWCM Master Fund Ltd.	Purchase	10/11/2018	1,936	1.9000
PWCM Master Fund Ltd.	Purchase	10/16/2018	8,800	1.9053
PWCM Master Fund Ltd.	Purchase	10/16/2018	284,064	1.8080
PWCM Master Fund Ltd.	Purchase	10/17/2018	343,200	1.8938
PWCM Master Fund Ltd.	Purchase	10/22/2018	88,000	1.7989
PWCM Master Fund Ltd.	Purchase	10/26/2018	66,000	1.6482
PWCM Master Fund Ltd.	Purchase	10/26/2018	66,000	1.6000
PWCM Master Fund Ltd.	Purchase	10/29/2018	44,000	1.6243
PWCM Master Fund Ltd.	Purchase	10/29/2018	176,000	1.6182
PWCM Master Fund Ltd.	Purchase	11/2/2018	54,120	1.9166
PWCM Master Fund Ltd.	Purchase	11/5/2018	4,400	1.8644
PWCM Master Fund Ltd.	Purchase	11/5/2018	35,200	1.9179
PWCM Master Fund Ltd.	Purchase	11/6/2018	26,400	1.8535
PWCM Master Fund Ltd.	Purchase	11/7/2018	22,000	1.8205
PWCM Master Fund Ltd.	Purchase	11/8/2018	20,240	1.8392
PWCM Master Fund Ltd.	Purchase	11/9/2018	80,960	1.7759
PWCM Master Fund Ltd.	Purchase	11/12/2018	24,222	1.7596
PWCM Master Fund Ltd.	Purchase	11/13/2018	2,618	1.7482
PWCM Master Fund Ltd.	Purchase	11/19/2018	8,800	1.8588
PWCM Master Fund Ltd.	Purchase	11/20/2018	17,600	1.8210
PWCM Master Fund Ltd.	Purchase	11/23/2018	22,660	1.8754
PWCM Master Fund Ltd.	Purchase	11/27/2018	8,140	1.8453
PWCM Master Fund Ltd.	Purchase	11/30/2018	1,892	1.7900
PWCM Master Fund Ltd.	Purchase	12/6/2018	4,400	1.7323
PWCM Master Fund Ltd.	Purchase	12/7/2018	4,400	1.7300
PWCM Master Fund Ltd.	Purchase	12/10/2018	4,400	1.7261
PWCM Master Fund Ltd.	Purchase**	12/10/2018	17,500	2.5477
PWCM Master Fund Ltd.	Purchase	12/11/2018	26,400	1.7004
PWCM Master Fund Ltd.	Purchase	12/12/2018	17,600	1.6839

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
PWCM Master Fund Ltd.	Purchase	12/13/2018	26,400	1.6661
PWCM Master Fund Ltd.	Purchase	12/14/2018	330	1.6437
PWCM Master Fund Ltd.	Purchase	12/17/2018	8,800	1.6448
PWCM Master Fund Ltd.	Purchase	12/19/2018	70,400	1.5613
PWCM Master Fund Ltd.	Purchase	12/31/2018	11,000	1.6162
PWCM Master Fund Ltd.	Purchase	1/2/2019	6,600	1.5719
PWCM Master Fund Ltd.	Purchase	1/3/2019	8,800	1.5784
PWCM Master Fund Ltd.	Purchase	1/7/2019	39,600	1.6347
PWCM Master Fund Ltd.	Purchase	1/8/2019	26,400	1.5963
PWCM Master Fund Ltd.	Purchase	1/9/2019	9,944	1.5801
PWCM Master Fund Ltd.	Purchase	1/10/2019	3,256	1.5788
PWCM Master Fund Ltd.	Purchase	1/11/2019	3,300	1.5929
PWCM Master Fund Ltd.	Purchase	1/14/2019	23,100	1.5773
PWCM Master Fund Ltd.	Purchase	1/15/2019	4,400	1.5748
PWCM Master Fund Ltd.	Purchase	1/16/2019	13,200	1.5893
PWCM Master Fund Ltd.	Purchase	1/17/2019	13,200	1.6097
PWCM Master Fund Ltd.	Purchase**	1/18/2019	361,100	2.5490
PWCM Master Fund Ltd.	Purchase**	1/18/2019	2,083,400	2.1661
PWCM Master Fund Ltd.	Purchase	1/23/2019	127,600	1.6020
PWCM Master Fund Ltd.	Purchase	1/24/2019	8,536	1.5590
PWCM Master Fund Ltd.	Purchase*	2/13/2019	25,857,089	1.6100
PWCM Master Fund Ltd.	Purchase	2/14/2019	36,080	1.6335
PWCM Master Fund Ltd.	Purchase	2/19/2019	22,000,000	1.7500
PWCM Master Fund Ltd.	Purchase	2/27/2019	66,000	1.8468
PWCM Master Fund Ltd.	Purchase	2/27/2019	62,920	1.8850
PWCM Master Fund Ltd.	Purchase	2/27/2019	374,440	1.8556
PWCM Master Fund Ltd.	Purchase	2/27/2019	128,920	1.8684
PWCM Master Fund Ltd.	Purchase	2/27/2019	314,600	1.8800
PWCM Master Fund Ltd.	Purchase	2/28/2019	396,000	1.7578
PWCM Master Fund Ltd.	Purchase	3/1/2019	8,800	1.7498
PWCM Master Fund Ltd.	Purchase	3/4/2019	8,800	1.7568
PWCM Master Fund Ltd.	Purchase	3/5/2019	26,400	1.7729
PWCM Master Fund Ltd.	Purchase	3/6/2019	26,400	1.7225
PWCM Master Fund Ltd.	Purchase	3/7/2019	105,600	1.6849
PWCM Master Fund Ltd.	Purchase	3/14/2019	8,800	1.7099
PWCM Master Fund Ltd.	Purchase	3/14/2019	53,017	1.7208
PWCM Master Fund Ltd.	Purchase	3/20/2019	26,840	1.7027
PWCM Master Fund Ltd.	Purchase	3/22/2019	25,960	1.6597
PWCM Master Fund Ltd.	Purchase	3/25/2019	17,600	1.6378

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
PWCM Master Fund Ltd.	Purchase	4/5/2019	11,132	1.6901
PWCM Master Fund Ltd.	Purchase	4/16/2019	4,500	1.5822
PWCM Master Fund Ltd.	Purchase	4/16/2019	1,939,500	1.5700
PWCM Master Fund Ltd.	Purchase*	5/14/2019	3,605,884	1.3100
PWCM Master Fund Ltd.	Purchase*	5/14/2019	281,250	1.3100
PWCM Master Fund Ltd.	Purchase	5/14/2019	281,250	1.2932
PWCM Master Fund Ltd.	Purchase	5/15/2019	348,750	1.2652
PWCM Master Fund Ltd.	Purchase	5/16/2019	200,252	1.3137
PWCM Master Fund Ltd.	Purchase	5/17/2019	90,000	1.2952
PWCM Master Fund Ltd.	Purchase	5/17/2019	323,550	1.2965
PWCM Master Fund Ltd.	Purchase	5/20/2019	45,225	1.2750
PWCM Master Fund Ltd.	Purchase	5/21/2019	297,000	1.2599
PWCM Master Fund Ltd.	Purchase	5/22/2019	115,650	1.2125
PWCM Master Fund Ltd.	Purchase	5/23/2019	135,000	1.1815
PWCM Master Fund Ltd.	Purchase	5/24/2019	84,600	1.1589
PWCM Master Fund Ltd.	Purchase	5/28/2019	112,995	1.1411
PWCM Master Fund Ltd.	Purchase	5/29/2019	23,850	1.2157
PWCM Master Fund Ltd.	Purchase	5/30/2019	45,000	1.1531
PWCM Master Fund Ltd.	Purchase	7/5/2019	36,000	1.2200
PWCM Master Fund Ltd.	Purchase	7/8/2019	59,625	1.1722
PWCM Master Fund Ltd.	Purchase*	7/9/2019	6,188,094	1.1500
PWCM Master Fund Ltd.	Purchase	7/9/2019	25,487	1.1532
PWCM Master Fund Ltd.	Purchase	7/9/2019	90,000	1.0881
PWCM Master Fund Ltd.	Purchase	7/9/2019	6,463,125	1.0700
PWCM Master Fund Ltd.	Purchase	7/10/2019	686,250	1.0802
PWCM Master Fund Ltd.	Purchase	7/11/2019	253,125	1.0798
PWCM Master Fund Ltd.	Purchase	7/11/2019	421,875	1.0755
PWCM Master Fund Ltd.	Purchase	7/12/2019	2,250	1.0850
PWCM Master Fund Ltd.	Purchase	7/12/2019	225,000	1.0861
PWCM Master Fund Ltd.	Purchase	7/12/2019	132,750	1.0864
PWCM Master Fund Ltd.	Purchase	7/15/2019	180,000	1.0798
PWCM Master Fund Ltd.	Purchase	7/16/2019	23,534	0.6007
PWCM Master Fund Ltd.	Purchase	7/30/2019	90,000	0.5726
PWCM Master Fund Ltd.	Purchase	7/30/2019	270,000	0.5707
PWCM Master Fund Ltd.	Purchase	7/31/2019	118,400	0.5836
PWCM Master Fund Ltd.	Purchase*	7/31/2019	236,800	0.5760
PWCM Master Fund Ltd.	Purchase	7/31/2019	118,400	0.5835

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
PWCM Master Fund Ltd.	Sale	11/1/2018	(114,868)	1.9240
PWCM Master Fund Ltd.	Sale	11/2/2018	(1,320)	2.0010
PWCM Master Fund Ltd.	Sale	11/15/2018	(40,331)	1.9655
PWCM Master Fund Ltd.	Sale	11/21/2018	(5,736)	1.9524
PWCM Master Fund Ltd.	Sale	11/28/2018	(34,414)	1.8422
PWCM Master Fund Ltd.	Sale	11/29/2018	(11,471)	1.8932
PWCM Master Fund Ltd.	Sale	12/3/2018	(40,149)	1.8868
PWCM Master Fund Ltd.	Sale	12/4/2018	(46,000)	1.9041
PWCM Master Fund Ltd.	Sale	12/14/2018	(330)	1.6900
PWCM Master Fund Ltd.	Sale	1/17/2019	(792)	1.6400
PWCM Master Fund Ltd.	Sale	1/18/2019	(5,808)	1.6604
PWCM Master Fund Ltd.	Sale	2/12/2019	(11,951)	1.6100
PWCM Master Fund Ltd.	Sale	2/13/2019	(90,099)	1.6684
PWCM Master Fund Ltd.	Sale	2/13/2019	(1,214,074)	1.6100
PWCM Master Fund Ltd.	Sale	2/13/2019	(2,459,470)	1.6100
PWCM Master Fund Ltd.	Sale	2/13/2019	(623,142)	1.6100
PWCM Master Fund Ltd.	Sale	2/13/2019	(21,560,403)	1.6100
PWCM Master Fund Ltd.	Sale	2/19/2019	(320,320)	1.8250
PWCM Master Fund Ltd.	Sale	2/20/2019	(59,400)	1.8905
PWCM Master Fund Ltd.	Sale	2/20/2019	(74,323)	1.9131
PWCM Master Fund Ltd.	Sale	2/22/2019	(185,809)	2.0686
PWCM Master Fund Ltd.	Sale	2/25/2019	(286,000)	2.0948
PWCM Master Fund Ltd.	Sale	2/25/2019	(346,280)	2.0896
PWCM Master Fund Ltd.	Sale	2/26/2019	(154,440)	2.1043
PWCM Master Fund Ltd.	Sale	2/26/2019	(94,160)	2.1163
PWCM Master Fund Ltd.	Sale	3/14/2019	(53,017)	1.7180
PWCM Master Fund Ltd.	Sale	4/4/2019	(10,602)	1.7509
PWCM Master Fund Ltd.	Sale	4/5/2019	(530)	1.7750
PWCM Master Fund Ltd.	Sale	4/8/2019	(53,009)	1.7123
PWCM Master Fund Ltd.	Sale	5/14/2019	(62,920)	1.3100
PWCM Master Fund Ltd.	Sale	5/14/2019	(3,287,547)	1.3100
PWCM Master Fund Ltd.	Sale	5/14/2019	(255,417)	1.3100
PWCM Master Fund Ltd.	Sale	5/14/2019	(281,250)	1.3100
PWCM Master Fund Ltd.	Sale	5/16/2019	(1,127)	1.4001
PWCM Master Fund Ltd.	Sale	7/9/2019	(25,487)	1.1511
PWCM Master Fund Ltd.	Sale	7/9/2019	(4,032,247)	1.1500
PWCM Master Fund Ltd.	Sale	7/9/2019	(36,000)	1.1500
PWCM Master Fund Ltd.	Sale	7/9/2019	(2,119,847)	1.1500
PWCM Master Fund Ltd.	Sale	7/16/2019	(23,534)	0.8995

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Thanksgiving Fund LP	Purchase	8/3/2018	50,000	2.5993
Pentwater Thanksgiving Fund LP	Purchase	8/8/2018	11,800	2.4940
Pentwater Thanksgiving Fund LP	Purchase	8/8/2018	38,200	2.5063
Pentwater Thanksgiving Fund LP	Purchase	8/20/2018	60,000	2.3556
Pentwater Thanksgiving Fund LP	Purchase	9/24/2018	10,000	2.1349
Pentwater Thanksgiving Fund LP	Purchase	9/26/2018	20,000	2.1323
Pentwater Thanksgiving Fund LP	Purchase	9/27/2018	300,000	2.1186
Pentwater Thanksgiving Fund LP	Purchase	9/27/2018	300,000	2.1200
Pentwater Thanksgiving Fund LP	Purchase	9/28/2018	100,000	2.1111
Pentwater Thanksgiving Fund LP	Purchase	9/28/2018	300,000	2.1200
Pentwater Thanksgiving Fund LP	Purchase	9/28/2018	450,000	2.1200
Pentwater Thanksgiving Fund LP	Purchase	10/1/2018	350,000	2.1155
Pentwater Thanksgiving Fund LP	Purchase	10/2/2018	10,000	2.1426
Pentwater Thanksgiving Fund LP	Purchase	10/3/2018	50,000	2.1300
Pentwater Thanksgiving Fund LP	Purchase	10/3/2018	1,500,000	2.1300
Pentwater Thanksgiving Fund LP	Purchase	10/4/2018	250,000	2.0582
Pentwater Thanksgiving Fund LP	Purchase	10/5/2018	500,000	2.0199
Pentwater Thanksgiving Fund LP	Purchase	10/16/2018	20,000	1.9053
Pentwater Thanksgiving Fund LP	Purchase	10/16/2018	400,000	1.8228
Pentwater Thanksgiving Fund LP	Purchase	10/17/2018	1,080,000	1.8938
Pentwater Thanksgiving Fund LP	Purchase	10/18/2018	55,000	1.8404
Pentwater Thanksgiving Fund LP	Purchase	10/19/2018	265,000	1.8223
Pentwater Thanksgiving Fund LP	Purchase	10/22/2018	400,000	1.7989
Pentwater Thanksgiving Fund LP	Purchase	10/23/2018	350,000	1.7069
Pentwater Thanksgiving Fund LP	Purchase	10/24/2018	330,000	1.6902
Pentwater Thanksgiving Fund LP	Purchase	10/25/2018	410,000	1.6428
Pentwater Thanksgiving Fund LP	Purchase	10/25/2018	190,000	1.6158
Pentwater Thanksgiving Fund LP	Purchase	10/26/2018	100,000	1.6482
Pentwater Thanksgiving Fund LP	Purchase	10/26/2018	100,000	1.6000
Pentwater Thanksgiving Fund LP	Purchase	10/29/2018	100,000	1.6243
Pentwater Thanksgiving Fund LP	Purchase	10/29/2018	400,000	1.6182
Pentwater Thanksgiving Fund LP	Purchase	10/30/2018	200,000	1.6147
Pentwater Thanksgiving Fund LP	Purchase	10/31/2018	300,000	1.6659
Pentwater Thanksgiving Fund LP	Purchase	10/31/2018	11,500,000	1.7100
Pentwater Thanksgiving Fund LP	Purchase	11/5/2018	10,000	1.8644
Pentwater Thanksgiving Fund LP	Purchase	11/6/2018	40,000	1.8535
Pentwater Thanksgiving Fund LP	Purchase	11/7/2018	50,000	1.8205
Pentwater Thanksgiving Fund LP	Purchase	11/8/2018	46,000	1.8392

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Thanksgiving Fund LP	Purchase	11/9/2018	10,000	1.8000
Pentwater Thanksgiving Fund LP	Purchase	11/9/2018	184,000	1.7759
Pentwater Thanksgiving Fund LP	Purchase	11/12/2018	55,050	1.7596
Pentwater Thanksgiving Fund LP	Purchase	11/13/2018	5,950	1.7482
Pentwater Thanksgiving Fund LP	Purchase	11/19/2018	20,000	1.8588
Pentwater Thanksgiving Fund LP	Purchase	11/20/2018	40,000	1.8210
Pentwater Thanksgiving Fund LP	Purchase	11/23/2018	51,500	1.8754
Pentwater Thanksgiving Fund LP	Purchase	11/27/2018	18,500	1.8453
Pentwater Thanksgiving Fund LP	Purchase	11/30/2018	4,300	1.7900
Pentwater Thanksgiving Fund LP	Purchase	12/6/2018	10,000	1.7323
Pentwater Thanksgiving Fund LP	Purchase	12/7/2018	10,000	1.7300
Pentwater Thanksgiving Fund LP	Purchase	12/10/2018	10,000	1.7261
Pentwater Thanksgiving Fund LP	Purchase**	12/10/2018	2,500	2.5477
Pentwater Thanksgiving Fund LP	Purchase	12/11/2018	60,000	1.7004
Pentwater Thanksgiving Fund LP	Purchase	12/12/2018	40,000	1.6839
Pentwater Thanksgiving Fund LP	Purchase	12/13/2018	60,000	1.6661
Pentwater Thanksgiving Fund LP	Purchase	12/14/2018	750	1.6437
Pentwater Thanksgiving Fund LP	Purchase	12/17/2018	20,000	1.6448
Pentwater Thanksgiving Fund LP	Purchase	12/19/2018	20,000	1.5343
Pentwater Thanksgiving Fund LP	Purchase	12/31/2018	25,000	1.6162
Pentwater Thanksgiving Fund LP	Purchase	1/2/2019	15,000	1.5719
Pentwater Thanksgiving Fund LP	Purchase	1/3/2019	20,000	1.5784
Pentwater Thanksgiving Fund LP	Purchase	1/7/2019	30,000	1.6347
Pentwater Thanksgiving Fund LP	Purchase	1/8/2019	20,000	1.5963
Pentwater Thanksgiving Fund LP	Purchase	1/9/2019	7,500	1.5801
Pentwater Thanksgiving Fund LP	Purchase	1/10/2019	2,500	1.5788
Pentwater Thanksgiving Fund LP	Purchase	1/11/2019	2,500	1.5929
Pentwater Thanksgiving Fund LP	Purchase	1/14/2019	17,500	1.5773
Pentwater Thanksgiving Fund LP	Purchase	1/15/2019	10,000	1.5748
Pentwater Thanksgiving Fund LP	Purchase	1/16/2019	10,000	1.5893
Pentwater Thanksgiving Fund LP	Purchase	1/17/2019	10,000	1.6097
Pentwater Thanksgiving Fund LP	Purchase**	1/18/2019	160,000	2.1644
Pentwater Thanksgiving Fund LP	Purchase**	1/18/2019	36,500	2.5496
Pentwater Thanksgiving Fund LP	Purchase	1/23/2019	70,000	1.6020
Pentwater Thanksgiving Fund LP	Purchase	1/24/2019	1,200	1.5571
Pentwater Thanksgiving Fund LP	Purchase	1/30/2019	60,000	1.6443
Pentwater Thanksgiving Fund LP	Purchase	1/31/2019	50,000	1.6675
Pentwater Thanksgiving Fund LP	Purchase	2/4/2019	26,700	1.6662
Pentwater Thanksgiving Fund LP	Purchase	2/5/2019	23,300	1.6643

The Pentwater Funds
Transactions in Turquoise Hill Resources Ltd.

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Thanksgiving Fund LP	Purchase	2/7/2019	5,300	1.6588
Pentwater Thanksgiving Fund LP	Purchase	2/8/2019	24,700	1.6400
Pentwater Thanksgiving Fund LP	Purchase	2/14/2019	7,110	1.6335
Pentwater Thanksgiving Fund LP	Purchase	2/19/2019	20,000,000	1.7500
Pentwater Thanksgiving Fund LP	Purchase	2/27/2019	100,000	1.8468
Pentwater Thanksgiving Fund LP	Purchase	2/27/2019	57,000	1.8850
Pentwater Thanksgiving Fund LP	Purchase	2/27/2019	339,000	1.8556
Pentwater Thanksgiving Fund LP	Purchase	2/27/2019	117,000	1.8684
Pentwater Thanksgiving Fund LP	Purchase	2/27/2019	285,000	1.8800
Pentwater Thanksgiving Fund LP	Purchase	2/28/2019	240,000	1.7578
Pentwater Thanksgiving Fund LP	Purchase	2/28/2019	160,000	1.7653
Pentwater Thanksgiving Fund LP	Purchase	3/1/2019	20,000	1.7498
Pentwater Thanksgiving Fund LP	Purchase	3/5/2019	20,000	1.7729
Pentwater Thanksgiving Fund LP	Purchase	3/7/2019	300,000	1.6407
Pentwater Thanksgiving Fund LP	Purchase	3/7/2019	360,000	1.6849
Pentwater Thanksgiving Fund LP	Purchase	3/8/2019	220,000	1.5666
Pentwater Thanksgiving Fund LP	Purchase	3/12/2019	80,000	1.6375
Pentwater Thanksgiving Fund LP	Purchase	3/14/2019	40,000	1.7208
Pentwater Thanksgiving Fund LP	Purchase	3/15/2019	60,000	1.6799
Pentwater Thanksgiving Fund LP	Purchase	3/20/2019	41,000	1.7027
Pentwater Thanksgiving Fund LP	Purchase	3/21/2019	19,000	1.7100
Pentwater Thanksgiving Fund LP	Purchase	3/22/2019	40,000	1.6597
Pentwater Thanksgiving Fund LP	Purchase	3/25/2019	40,000	1.6378
Pentwater Thanksgiving Fund LP	Purchase	3/25/2019	340,000	1.6609
Pentwater Thanksgiving Fund LP	Purchase	3/26/2019	160,000	1.6608
Pentwater Thanksgiving Fund LP	Purchase	3/27/2019	412,482	1.6506
Pentwater Thanksgiving Fund LP	Purchase	3/28/2019	443,809	1.6218
Pentwater Thanksgiving Fund LP	Purchase	3/29/2019	43,709	1.6555
Pentwater Thanksgiving Fund LP	Purchase	4/1/2019	50,000	1.6446
Pentwater Thanksgiving Fund LP	Purchase	4/3/2019	50,000	1.6728
Pentwater Thanksgiving Fund LP	Purchase	4/15/2019	40,000	1.6088
Pentwater Thanksgiving Fund LP	Purchase	4/16/2019	10,000	1.5822
Pentwater Thanksgiving Fund LP	Purchase	4/16/2019	5,690,000	1.5700
Pentwater Thanksgiving Fund LP	Purchase	4/26/2019	195,300	1.5242
Pentwater Thanksgiving Fund LP	Purchase	4/29/2019	27,502	1.4962
Pentwater Thanksgiving Fund LP	Purchase	4/30/2019	21,398	1.5000
Pentwater Thanksgiving Fund LP	Purchase	5/1/2019	360,000	1.4443
Pentwater Thanksgiving Fund LP	Purchase	5/2/2019	300,000	1.4452
Pentwater Thanksgiving Fund LP	Purchase	5/3/2019	800	1.4400

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Thanksgiving Fund LP	Purchase	5/6/2019	9,300	1.4269
Pentwater Thanksgiving Fund LP	Purchase	5/8/2019	93,094	1.4140
Pentwater Thanksgiving Fund LP	Purchase	5/9/2019	600,906	1.3717
Pentwater Thanksgiving Fund LP	Purchase	5/10/2019	201,000	1.3654
Pentwater Thanksgiving Fund LP	Purchase	5/13/2019	915,000	1.3313
Pentwater Thanksgiving Fund LP	Purchase	5/14/2019	625,000	1.2932
Pentwater Thanksgiving Fund LP	Purchase	5/15/2019	775,000	1.2652
Pentwater Thanksgiving Fund LP	Purchase	5/16/2019	445,005	1.3137
Pentwater Thanksgiving Fund LP	Purchase	5/17/2019	200,000	1.2952
Pentwater Thanksgiving Fund LP	Purchase	5/17/2019	719,000	1.2965
Pentwater Thanksgiving Fund LP	Purchase	5/20/2019	100,500	1.2750
Pentwater Thanksgiving Fund LP	Purchase	5/21/2019	660,000	1.2599
Pentwater Thanksgiving Fund LP	Purchase	5/22/2019	262,000	1.2125
Pentwater Thanksgiving Fund LP	Purchase	5/23/2019	300,000	1.1815
Pentwater Thanksgiving Fund LP	Purchase	5/24/2019	188,000	1.1589
Pentwater Thanksgiving Fund LP	Purchase	5/28/2019	251,100	1.1411
Pentwater Thanksgiving Fund LP	Purchase	5/29/2019	28,000	1.2157
Pentwater Thanksgiving Fund LP	Purchase	5/30/2019	100,000	1.1531
Pentwater Thanksgiving Fund LP	Purchase	6/4/2019	40,000	1.2846
Pentwater Thanksgiving Fund LP	Purchase	6/5/2019	20,000	1.2397
Pentwater Thanksgiving Fund LP	Purchase	6/10/2019	5,000	1.2035
Pentwater Thanksgiving Fund LP	Purchase	6/12/2019	57,110	1.1691
Pentwater Thanksgiving Fund LP	Purchase	6/13/2019	3,600	1.1500
Pentwater Thanksgiving Fund LP	Purchase	6/14/2019	14,290	1.1494
Pentwater Thanksgiving Fund LP	Purchase	6/17/2019	20,000	1.1701
Pentwater Thanksgiving Fund LP	Purchase	6/19/2019	20,000	1.1883
Pentwater Thanksgiving Fund LP	Purchase	6/20/2019	60,000	1.2204
Pentwater Thanksgiving Fund LP	Purchase	6/21/2019	20,100	1.1890
Pentwater Thanksgiving Fund LP	Purchase	6/24/2019	39,900	1.2180
Pentwater Thanksgiving Fund LP	Purchase	6/25/2019	400,000	1.2364
Pentwater Thanksgiving Fund LP	Purchase	6/26/2019	150,000	1.2265
Pentwater Thanksgiving Fund LP	Purchase	6/27/2019	10,000	1.2500
Pentwater Thanksgiving Fund LP	Purchase	6/28/2019	100,000	1.2240
Pentwater Thanksgiving Fund LP	Purchase	7/1/2019	40,000	1.2477
Pentwater Thanksgiving Fund LP	Purchase	7/2/2019	100,000	1.2312
Pentwater Thanksgiving Fund LP	Purchase	7/5/2019	80,000	1.2200
Pentwater Thanksgiving Fund LP	Purchase	7/8/2019	132,500	1.1722
Pentwater Thanksgiving Fund LP	Purchase	7/9/2019	56,638	1.1532
Pentwater Thanksgiving Fund LP	Purchase	7/9/2019	7,787,500	1.0700

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Thanksgiving Fund LP	Purchase	7/16/2019	14,595	0.6007
Pentwater Thanksgiving Fund LP	Purchase	7/16/2019	900,000	0.6409
Pentwater Thanksgiving Fund LP	Purchase	7/30/2019	200,000	0.5726
Pentwater Thanksgiving Fund LP	Purchase	7/30/2019	600,000	0.5707
Pentwater Thanksgiving Fund LP	Purchase	7/31/2019	100,000	0.5760
Pentwater Thanksgiving Fund LP	Purchase	7/31/2019	200,000	0.5836
Pentwater Thanksgiving Fund LP	Purchase	7/31/2019	200,000	0.5835
Pentwater Thanksgiving Fund LP	Sale	11/15/2018	(70,300)	1.9655
Pentwater Thanksgiving Fund LP	Sale	11/21/2018	(10,000)	1.9524
Pentwater Thanksgiving Fund LP	Sale	11/28/2018	(60,000)	1.8422
Pentwater Thanksgiving Fund LP	Sale	11/29/2018	(20,000)	1.8932
Pentwater Thanksgiving Fund LP	Sale	12/3/2018	(70,000)	1.8868
Pentwater Thanksgiving Fund LP	Sale	12/4/2018	(80,200)	1.9041
Pentwater Thanksgiving Fund LP	Sale	12/14/2018	(750)	1.6900
Pentwater Thanksgiving Fund LP	Sale	1/17/2019	(600)	1.6400
Pentwater Thanksgiving Fund LP	Sale	1/18/2019	(4,400)	1.6604
Pentwater Thanksgiving Fund LP	Sale	2/12/2019	(2,355)	1.6100
Pentwater Thanksgiving Fund LP	Sale	2/13/2019	(17,755)	1.6684
Pentwater Thanksgiving Fund LP	Sale	2/19/2019	(292,000)	1.8250
Pentwater Thanksgiving Fund LP	Sale	2/20/2019	(20,000)	1.9252
Pentwater Thanksgiving Fund LP	Sale	2/20/2019	(55,000)	1.8905
Pentwater Thanksgiving Fund LP	Sale	2/25/2019	(259,000)	2.0948
Pentwater Thanksgiving Fund LP	Sale	2/25/2019	(313,000)	2.0896
Pentwater Thanksgiving Fund LP	Sale	2/26/2019	(140,000)	2.1043
Pentwater Thanksgiving Fund LP	Sale	2/26/2019	(86,000)	2.1163
Pentwater Thanksgiving Fund LP	Sale	3/14/2019	(40,000)	1.7180
Pentwater Thanksgiving Fund LP	Sale	4/8/2019	(40,000)	1.7123
Pentwater Thanksgiving Fund LP	Sale	4/26/2019	(4,200)	1.5200
Pentwater Thanksgiving Fund LP	Sale	5/6/2019	(100)	1.5300
Pentwater Thanksgiving Fund LP	Sale	5/16/2019	(2,505)	1.4001
Pentwater Thanksgiving Fund LP	Sale	7/9/2019	(56,638)	1.1511
Pentwater Thanksgiving Fund LP	Sale	7/16/2019	(14,595)	0.8995
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/26/2018	8,000	2.8131
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/27/2018	32,000	2.7887
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/30/2018	20,000	2.7948
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/30/2018	20,000	2.7495
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/30/2018	40,000	2.7725

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/1/2018	46,400	2.7075
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/1/2018	13,600	2.7421
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/2/2018	50,000	2.6132
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/3/2018	30,000	2.5993
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/3/2018	20,000	2.5999
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/6/2018	20,000	2.5580
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/7/2018	40,000	2.5438
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/7/2018	40,000	2.5460
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/8/2018	192,040	2.4940
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/8/2018	297,960	2.5063
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/10/2018	2,000	2.4401
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/10/2018	38,600	2.4493
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/10/2018	150,000	2.4500
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	8/13/2018	9,400	2.4485
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/11/2018	40	2.1450
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/24/2018	129,960	2.1349
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/24/2018	60,000	2.1500
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/25/2018	40,000	2.1296
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/26/2018	156,000	2.1323
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/26/2018	36,000	2.1493
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/26/2018	100,000	2.1300
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/26/2018	144,000	2.1742
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/26/2018	200,000	2.1300
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/27/2018	124,000	2.1186
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/27/2018	120,000	2.1200
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/27/2018	160,000	2.1149
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/28/2018	40,000	2.1111
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/28/2018	140,000	2.1200
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	9/28/2018	210,000	2.1200
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/1/2018	170,000	2.1155
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/2/2018	3,200	2.1379
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/2/2018	96,800	2.1423
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/3/2018	40,000	2.1300
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/3/2018	400,000	2.1305
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/3/2018	700,000	2.1300
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/4/2018	20,000	2.0525
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/4/2018	70,000	2.0582
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/4/2018	50,000	2.0500
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/5/2018	100,000	2.0376

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/5/2018	300,000	2.0199
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/8/2018	20,000	2.0080
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/10/2018	88,586	1.9721
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/10/2018	41,414	1.9600
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/10/2018	180,000	1.9992
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/11/2018	880	1.9000
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/16/2018	4,000	1.9053
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/16/2018	129,120	1.8080
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/17/2018	156,000	1.8938
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/22/2018	40,000	1.7989
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/26/2018	30,000	1.6482
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/26/2018	30,000	1.6000
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/29/2018	20,000	1.6243
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	10/29/2018	80,000	1.6182
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/2/2018	24,600	1.9166
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/5/2018	2,000	1.8644
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/5/2018	16,000	1.9179
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/6/2018	12,000	1.8535
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/7/2018	10,000	1.8205
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/8/2018	9,200	1.8392
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/9/2018	36,800	1.7759
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/12/2018	11,010	1.7596
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/13/2018	1,190	1.7482
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/19/2018	4,000	1.8588
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/20/2018	8,000	1.8210
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/23/2018	10,300	1.8754
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/27/2018	3,700	1.8453
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	11/30/2018	860	1.7900
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/6/2018	2,000	1.7323
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/7/2018	2,000	1.7300
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/10/2018	2,000	1.7261
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase**	12/10/2018	7,500	2.5477
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/11/2018	12,000	1.7004
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/12/2018	8,000	1.6839
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/13/2018	12,000	1.6661
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/14/2018	150	1.6437
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/17/2018	4,000	1.6448
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/19/2018	32,000	1.5613
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	12/31/2018	5,000	1.6162

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/2/2019	3,000	1.5719
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/3/2019	4,000	1.5784
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/7/2019	18,000	1.6347
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/8/2019	12,000	1.5963
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/9/2019	4,520	1.5801
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/10/2019	1,480	1.5788
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/11/2019	1,500	1.5929
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/14/2019	10,500	1.5773
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/15/2019	2,000	1.5748
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/16/2019	6,000	1.5893
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/17/2019	6,000	1.6097
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase**	1/18/2019	128,000	2.5493
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase**	1/18/2019	1,024,900	2.1672
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/23/2019	58,000	1.6020
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/24/2019	3,880	1.5590
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/30/2019	117,264	1.6443
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	1/31/2019	107,514	1.6675
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/4/2019	68,795	1.6662
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/5/2019	102,278	1.6643
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/7/2019	23,325	1.6588
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/8/2019	108,705	1.6400
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase*	2/13/2019	4,137,374	1.6100
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/14/2019	8,659	1.6335
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/19/2019	14,480,000	1.7500
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/27/2019	43,440	1.8468
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/27/2019	41,413	1.8850
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/27/2019	246,450	1.8556
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/27/2019	84,853	1.8684
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/27/2019	207,064	1.8800
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	2/28/2019	180,000	1.7578
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/1/2019	4,000	1.7498
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/4/2019	4,000	1.7568
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/5/2019	12,000	1.7729
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/6/2019	12,000	1.7225
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/7/2019	48,000	1.6849
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/14/2019	4,000	1.7099
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/14/2019	17,691	1.7208
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/20/2019	12,200	1.7027
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/22/2019	11,800	1.6597

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	3/25/2019	8,000	1.6378
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	4/5/2019	3,716	1.6901
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	4/16/2019	2,150	1.5822
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	4/16/2019	926,650	1.5700
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase*	5/14/2019	1,598,867	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase*	5/14/2019	134,375	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/14/2019	134,375	1.2932
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/15/2019	166,625	1.2652
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/16/2019	95,676	1.3137
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/17/2019	43,000	1.2952
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/17/2019	154,585	1.2965
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/20/2019	21,608	1.2750
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/21/2019	141,900	1.2599
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/22/2019	55,255	1.2125
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/23/2019	64,500	1.1815
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/24/2019	40,420	1.1589
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/28/2019	53,987	1.1411
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/29/2019	11,395	1.2157
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	5/30/2019	21,500	1.1531
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/5/2019	17,200	1.2200
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/8/2019	28,488	1.1722
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase*	7/9/2019	2,103,422	1.1500
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/9/2019	12,177	1.1532
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/9/2019	43,000	1.0881
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/9/2019	3,087,938	1.0700
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/10/2019	327,875	1.0802
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/11/2019	120,938	1.0798
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/11/2019	201,563	1.0755
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/12/2019	1,075	1.0850
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/12/2019	107,500	1.0861
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/12/2019	63,425	1.0864
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/15/2019	86,000	1.0798
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/16/2019	8,246	0.6007
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/30/2019	43,000	0.5726
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/30/2019	129,000	0.5707
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/31/2019	56,600	0.5836
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase	7/31/2019	56,600	0.5835
Pentwater Merger Arbitrage Master Fund Ltd.	Purchase*	7/31/2019	113,200	0.5760

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/1/2018	(25,584)	1.9240
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/2/2018	(600)	2.0010
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/15/2018	(9,017)	1.9655
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/21/2018	(1,283)	1.9524
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/28/2018	(7,700)	1.8422
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	11/29/2018	(2,567)	1.8932
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	12/3/2018	(8,984)	1.8868
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	12/4/2018	(10,293)	1.9041
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	12/14/2018	(150)	1.6900
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	1/17/2019	(360)	1.6400
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	1/18/2019	(2,640)	1.6604
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/12/2019	(2,868)	1.6100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/13/2019	(21,623)	1.6684
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/13/2019	(1,159,250)	1.6100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/13/2019	(2,933,236)	1.6100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/13/2019	(44,888)	1.6100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/19/2019	(210,829)	1.8250
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/20/2019	(24,693)	1.9131
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/20/2019	(39,096)	1.8905
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/22/2019	(61,733)	2.0686
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/25/2019	(188,240)	2.0948
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/25/2019	(227,915)	2.0896
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/26/2019	(70,200)	2.1043
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	2/26/2019	(42,800)	2.1163
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	3/14/2019	(17,691)	1.7180
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	4/4/2019	(3,539)	1.7509
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	4/5/2019	(177)	1.7750
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	4/8/2019	(17,693)	1.7123
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	5/14/2019	(1,447,763)	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	5/14/2019	(109,691)	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	5/14/2019	(41,413)	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	5/14/2019	(134,375)	1.3100
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	5/16/2019	(538)	1.4001
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	7/9/2019	(12,177)	1.1511
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	7/9/2019	(803,009)	1.1500
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	7/9/2019	(1,283,213)	1.1500
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	7/9/2019	(17,200)	1.1500
Pentwater Merger Arbitrage Master Fund Ltd.	Sale	7/16/2019	(8,246)	0.8995

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Purchase	7/26/2018	6,200	2.8131
Oceana Master Fund Ltd.	Purchase	7/27/2018	24,800	2.7887
Oceana Master Fund Ltd.	Purchase	7/30/2018	15,500	2.7948
Oceana Master Fund Ltd.	Purchase	7/30/2018	15,500	2.7495
Oceana Master Fund Ltd.	Purchase	7/30/2018	31,000	2.7725
Oceana Master Fund Ltd.	Purchase	8/1/2018	35,960	2.7075
Oceana Master Fund Ltd.	Purchase	8/1/2018	10,540	2.7421
Oceana Master Fund Ltd.	Purchase	8/2/2018	38,750	2.6132
Oceana Master Fund Ltd.	Purchase	8/3/2018	23,250	2.5993
Oceana Master Fund Ltd.	Purchase	8/3/2018	15,500	2.5999
Oceana Master Fund Ltd.	Purchase	8/6/2018	15,500	2.5580
Oceana Master Fund Ltd.	Purchase	8/7/2018	31,000	2.5438
Oceana Master Fund Ltd.	Purchase	8/7/2018	31,000	2.5460
Oceana Master Fund Ltd.	Purchase	8/8/2018	148,831	2.4940
Oceana Master Fund Ltd.	Purchase	8/8/2018	230,919	2.5063
Oceana Master Fund Ltd.	Purchase	8/10/2018	1,550	2.4401
Oceana Master Fund Ltd.	Purchase	8/10/2018	29,915	2.4493
Oceana Master Fund Ltd.	Purchase	8/10/2018	116,250	2.4500
Oceana Master Fund Ltd.	Purchase	8/13/2018	7,285	2.4485
Oceana Master Fund Ltd.	Purchase	9/11/2018	31	2.1450
Oceana Master Fund Ltd.	Purchase	9/24/2018	100,719	2.1349
Oceana Master Fund Ltd.	Purchase	9/24/2018	46,500	2.1500
Oceana Master Fund Ltd.	Purchase	9/25/2018	31,000	2.1296
Oceana Master Fund Ltd.	Purchase	9/26/2018	120,900	2.1323
Oceana Master Fund Ltd.	Purchase	9/26/2018	27,900	2.1493
Oceana Master Fund Ltd.	Purchase	9/26/2018	77,500	2.1300
Oceana Master Fund Ltd.	Purchase	9/26/2018	111,600	2.1742
Oceana Master Fund Ltd.	Purchase	9/26/2018	155,000	2.1300
Oceana Master Fund Ltd.	Purchase	9/27/2018	96,100	2.1186
Oceana Master Fund Ltd.	Purchase	9/27/2018	93,000	2.1200
Oceana Master Fund Ltd.	Purchase	9/27/2018	124,000	2.1149
Oceana Master Fund Ltd.	Purchase	9/28/2018	31,000	2.1111
Oceana Master Fund Ltd.	Purchase	9/28/2018	108,500	2.1200
Oceana Master Fund Ltd.	Purchase	9/28/2018	162,750	2.1200
Oceana Master Fund Ltd.	Purchase	10/1/2018	131,750	2.1155
Oceana Master Fund Ltd.	Purchase	10/2/2018	2,480	2.1379
Oceana Master Fund Ltd.	Purchase	10/2/2018	75,020	2.1423
Oceana Master Fund Ltd.	Purchase	10/3/2018	31,000	2.1300
Oceana Master Fund Ltd.	Purchase	10/3/2018	310,000	2.1305

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Purchase	10/3/2018	542,500	2.1300
Oceana Master Fund Ltd.	Purchase	10/4/2018	15,500	2.0525
Oceana Master Fund Ltd.	Purchase	10/4/2018	54,250	2.0582
Oceana Master Fund Ltd.	Purchase	10/4/2018	38,750	2.0500
Oceana Master Fund Ltd.	Purchase	10/5/2018	77,500	2.0376
Oceana Master Fund Ltd.	Purchase	10/5/2018	232,500	2.0199
Oceana Master Fund Ltd.	Purchase	10/8/2018	15,500	2.0080
Oceana Master Fund Ltd.	Purchase	10/10/2018	68,654	1.9721
Oceana Master Fund Ltd.	Purchase	10/10/2018	32,096	1.9600
Oceana Master Fund Ltd.	Purchase	10/10/2018	139,500	1.9992
Oceana Master Fund Ltd.	Purchase	10/11/2018	682	1.9000
Oceana Master Fund Ltd.	Purchase	10/16/2018	3,100	1.9053
Oceana Master Fund Ltd.	Purchase	10/16/2018	100,068	1.8080
Oceana Master Fund Ltd.	Purchase	10/17/2018	120,900	1.8938
Oceana Master Fund Ltd.	Purchase	10/22/2018	31,000	1.7989
Oceana Master Fund Ltd.	Purchase	10/26/2018	23,250	1.6482
Oceana Master Fund Ltd.	Purchase	10/26/2018	23,250	1.6000
Oceana Master Fund Ltd.	Purchase	10/29/2018	15,500	1.6243
Oceana Master Fund Ltd.	Purchase	10/29/2018	62,000	1.6182
Oceana Master Fund Ltd.	Purchase	11/2/2018	19,065	1.9166
Oceana Master Fund Ltd.	Purchase	11/5/2018	1,550	1.8644
Oceana Master Fund Ltd.	Purchase	11/5/2018	12,400	1.9179
Oceana Master Fund Ltd.	Purchase	11/6/2018	9,300	1.8535
Oceana Master Fund Ltd.	Purchase	11/7/2018	7,750	1.8205
Oceana Master Fund Ltd.	Purchase	11/8/2018	7,130	1.8392
Oceana Master Fund Ltd.	Purchase	11/9/2018	28,520	1.7759
Oceana Master Fund Ltd.	Purchase	11/12/2018	8,533	1.7596
Oceana Master Fund Ltd.	Purchase	11/13/2018	922	1.7482
Oceana Master Fund Ltd.	Purchase	11/19/2018	3,100	1.8588
Oceana Master Fund Ltd.	Purchase	11/20/2018	6,200	1.8210
Oceana Master Fund Ltd.	Purchase	11/23/2018	7,982	1.8754
Oceana Master Fund Ltd.	Purchase	11/27/2018	2,868	1.8453
Oceana Master Fund Ltd.	Purchase	11/30/2018	667	1.7900
Oceana Master Fund Ltd.	Purchase	12/6/2018	1,550	1.7323
Oceana Master Fund Ltd.	Purchase	12/7/2018	1,550	1.7300
Oceana Master Fund Ltd.	Purchase	12/10/2018	1,550	1.7261
Oceana Master Fund Ltd.	Purchase**	12/10/2018	7,500	2.5477
Oceana Master Fund Ltd.	Purchase	12/11/2018	9,300	1.7004
Oceana Master Fund Ltd.	Purchase	12/12/2018	6,200	1.6839

The Pentwater Funds
Transactions in Turquoise Hill Resources Ltd.

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Purchase	12/13/2018	9,300	1.6661
Oceana Master Fund Ltd.	Purchase	12/14/2018	116	1.6437
Oceana Master Fund Ltd.	Purchase	12/17/2018	3,100	1.6448
Oceana Master Fund Ltd.	Purchase	12/19/2018	24,800	1.5613
Oceana Master Fund Ltd.	Purchase	12/31/2018	3,875	1.6162
Oceana Master Fund Ltd.	Purchase	1/2/2019	2,325	1.5719
Oceana Master Fund Ltd.	Purchase	1/3/2019	3,100	1.5784
Oceana Master Fund Ltd.	Purchase	1/7/2019	13,950	1.6347
Oceana Master Fund Ltd.	Purchase	1/8/2019	9,300	1.5963
Oceana Master Fund Ltd.	Purchase	1/9/2019	3,503	1.5801
Oceana Master Fund Ltd.	Purchase	1/10/2019	1,147	1.5788
Oceana Master Fund Ltd.	Purchase	1/11/2019	1,162	1.5929
Oceana Master Fund Ltd.	Purchase	1/14/2019	8,138	1.5773
Oceana Master Fund Ltd.	Purchase	1/15/2019	1,550	1.5748
Oceana Master Fund Ltd.	Purchase	1/16/2019	4,650	1.5893
Oceana Master Fund Ltd.	Purchase	1/17/2019	4,650	1.6097
Oceana Master Fund Ltd.	Purchase**	1/18/2019	120,100	2.5494
Oceana Master Fund Ltd.	Purchase**	1/18/2019	787,900	2.1665
Oceana Master Fund Ltd.	Purchase	1/23/2019	44,950	1.6020
Oceana Master Fund Ltd.	Purchase	1/24/2019	3,007	1.5590
Oceana Master Fund Ltd.	Purchase	1/30/2019	89,208	1.6443
Oceana Master Fund Ltd.	Purchase	1/31/2019	81,796	1.6675
Oceana Master Fund Ltd.	Purchase	2/4/2019	52,335	1.6662
Oceana Master Fund Ltd.	Purchase	2/5/2019	77,822	1.6643
Oceana Master Fund Ltd.	Purchase	2/7/2019	17,749	1.6588
Oceana Master Fund Ltd.	Purchase	2/8/2019	82,718	1.6400
Oceana Master Fund Ltd.	Purchase*	2/13/2019	4,685,224	1.6100
Oceana Master Fund Ltd.	Purchase	2/14/2019	6,769	1.6335
Oceana Master Fund Ltd.	Purchase	2/19/2019	2,600,000	1.7500
Oceana Master Fund Ltd.	Purchase	2/27/2019	7,800	1.8468
Oceana Master Fund Ltd.	Purchase	2/27/2019	7,436	1.8850
Oceana Master Fund Ltd.	Purchase	2/27/2019	44,252	1.8556
Oceana Master Fund Ltd.	Purchase	2/27/2019	15,236	1.8684
Oceana Master Fund Ltd.	Purchase	2/27/2019	37,180	1.8800
Oceana Master Fund Ltd.	Purchase	2/28/2019	139,500	1.7578
Oceana Master Fund Ltd.	Purchase	3/1/2019	3,100	1.7498
Oceana Master Fund Ltd.	Purchase	3/4/2019	3,100	1.7568
Oceana Master Fund Ltd.	Purchase	3/5/2019	9,300	1.7729
Oceana Master Fund Ltd.	Purchase	3/6/2019	9,300	1.7225

The Pentwater Funds
Transactions in Turquoise Hill Resources Ltd.

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Purchase	3/7/2019	37,200	1.6849
Oceana Master Fund Ltd.	Purchase	3/14/2019	3,100	1.7099
Oceana Master Fund Ltd.	Purchase	3/14/2019	9,157	1.7208
Oceana Master Fund Ltd.	Purchase	3/20/2019	9,455	1.7027
Oceana Master Fund Ltd.	Purchase	3/22/2019	9,145	1.6597
Oceana Master Fund Ltd.	Purchase	3/25/2019	6,200	1.6378
Oceana Master Fund Ltd.	Purchase*	4/2/2019	2,357,855	1.6900
Oceana Master Fund Ltd.	Purchase	4/5/2019	1,924	1.6901
Oceana Master Fund Ltd.	Purchase*	4/8/2019	3,536,782	1.6900
Oceana Master Fund Ltd.	Purchase	4/16/2019	1,400	1.5822
Oceana Master Fund Ltd.	Purchase	4/16/2019	603,400	1.5700
Oceana Master Fund Ltd.	Purchase*	5/9/2019	1,186,732	1.3900
Oceana Master Fund Ltd.	Purchase*	5/14/2019	5,939,742	1.3100
Oceana Master Fund Ltd.	Purchase	5/14/2019	87,500	1.2932
Oceana Master Fund Ltd.	Purchase	5/15/2019	108,500	1.2652
Oceana Master Fund Ltd.	Purchase	5/16/2019	62,301	1.3137
Oceana Master Fund Ltd.	Purchase	5/17/2019	28,000	1.2952
Oceana Master Fund Ltd.	Purchase	5/17/2019	100,660	1.2965
Oceana Master Fund Ltd.	Purchase	5/20/2019	14,070	1.2750
Oceana Master Fund Ltd.	Purchase	5/21/2019	92,400	1.2599
Oceana Master Fund Ltd.	Purchase	5/22/2019	35,980	1.2125
Oceana Master Fund Ltd.	Purchase	5/23/2019	42,000	1.1815
Oceana Master Fund Ltd.	Purchase	5/24/2019	26,320	1.1589
Oceana Master Fund Ltd.	Purchase	5/28/2019	35,154	1.1411
Oceana Master Fund Ltd.	Purchase	5/29/2019	7,420	1.2157
Oceana Master Fund Ltd.	Purchase	5/30/2019	14,000	1.1531
Oceana Master Fund Ltd.	Purchase	7/5/2019	11,200	1.2200
Oceana Master Fund Ltd.	Purchase	7/8/2019	18,550	1.1722
Oceana Master Fund Ltd.	Purchase*	7/9/2019	250,000	1.1500
Oceana Master Fund Ltd.	Purchase	7/9/2019	7,929	1.1532
Oceana Master Fund Ltd.	Purchase	7/9/2019	28,000	1.0881
Oceana Master Fund Ltd.	Purchase	7/9/2019	2,010,750	1.0700
Oceana Master Fund Ltd.	Purchase	7/10/2019	213,500	1.0802
Oceana Master Fund Ltd.	Purchase	7/11/2019	78,750	1.0798
Oceana Master Fund Ltd.	Purchase	7/11/2019	131,250	1.0755
Oceana Master Fund Ltd.	Purchase	7/12/2019	700	1.0850
Oceana Master Fund Ltd.	Purchase	7/12/2019	70,000	1.0861
Oceana Master Fund Ltd.	Purchase	7/12/2019	41,300	1.0864
Oceana Master Fund Ltd.	Purchase	7/15/2019	56,000	1.0798

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Purchase	7/16/2019	4,443	0.6007
Oceana Master Fund Ltd.	Purchase	7/30/2019	28,000	0.5726
Oceana Master Fund Ltd.	Purchase	7/30/2019	84,000	0.5707
Oceana Master Fund Ltd.	Sale	11/1/2018	(20,007)	1.9240
Oceana Master Fund Ltd.	Sale	11/2/2018	(465)	2.0010
Oceana Master Fund Ltd.	Sale	11/15/2018	(7,051)	1.9655
Oceana Master Fund Ltd.	Sale	11/21/2018	(1,003)	1.9524
Oceana Master Fund Ltd.	Sale	11/28/2018	(6,021)	1.8422
Oceana Master Fund Ltd.	Sale	11/29/2018	(2,007)	1.8932
Oceana Master Fund Ltd.	Sale	12/3/2018	(7,025)	1.8868
Oceana Master Fund Ltd.	Sale	12/4/2018	(8,048)	1.9041
Oceana Master Fund Ltd.	Sale	12/14/2018	(116)	1.6900
Oceana Master Fund Ltd.	Sale	1/17/2019	(279)	1.6400
Oceana Master Fund Ltd.	Sale	1/18/2019	(2,046)	1.6604
Oceana Master Fund Ltd.	Sale	2/12/2019	(2,242)	1.6100
Oceana Master Fund Ltd.	Sale	2/13/2019	(16,904)	1.6684
Oceana Master Fund Ltd.	Sale	2/13/2019	(2,098,326)	1.6100
Oceana Master Fund Ltd.	Sale	2/13/2019	(2,586,898)	1.6100
Oceana Master Fund Ltd.	Sale	2/19/2019	(37,856)	1.8250
Oceana Master Fund Ltd.	Sale	2/20/2019	(7,020)	1.8905
Oceana Master Fund Ltd.	Sale	2/20/2019	(12,806)	1.9131
Oceana Master Fund Ltd.	Sale	2/22/2019	(5,624)	2.0686
Oceana Master Fund Ltd.	Sale	2/22/2019	(26,391)	2.0686
Oceana Master Fund Ltd.	Sale	2/25/2019	(33,800)	2.0948
Oceana Master Fund Ltd.	Sale	2/25/2019	(40,924)	2.0896
Oceana Master Fund Ltd.	Sale	2/26/2019	(54,405)	2.1043
Oceana Master Fund Ltd.	Sale	2/26/2019	(33,170)	2.1163
Oceana Master Fund Ltd.	Sale	3/14/2019	(9,157)	1.7180
Oceana Master Fund Ltd.	Sale	4/2/2019	(657,855)	1.6900
Oceana Master Fund Ltd.	Sale	4/2/2019	(800,000)	1.6900
Oceana Master Fund Ltd.	Sale	4/2/2019	(900,000)	1.6900
Oceana Master Fund Ltd.	Sale	4/4/2019	(1,833)	1.7509
Oceana Master Fund Ltd.	Sale	4/5/2019	(92)	1.7750
Oceana Master Fund Ltd.	Sale	4/8/2019	(9,163)	1.7123
Oceana Master Fund Ltd.	Sale	4/8/2019	(1,053,669)	1.6900
Oceana Master Fund Ltd.	Sale	4/8/2019	(366,586)	1.6900
Oceana Master Fund Ltd.	Sale	4/8/2019	(2,116,527)	1.6900
Oceana Master Fund Ltd.	Sale	5/9/2019	(1,186,732)	1.3900

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Oceana Master Fund Ltd.	Sale	5/14/2019	(1,779,890)	1.3100
Oceana Master Fund Ltd.	Sale	5/14/2019	(1,763,607)	1.3100
Oceana Master Fund Ltd.	Sale	5/14/2019	(2,396,245)	1.3100
Oceana Master Fund Ltd.	Sale	5/16/2019	(351)	1.4001
Oceana Master Fund Ltd.	Sale	7/9/2019	(7,929)	1.1511
Oceana Master Fund Ltd.	Sale	7/9/2019	(250,000)	1.1500
Oceana Master Fund Ltd.	Sale	7/16/2019	(4,443)	0.8995
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/26/2018	3,200	2.8131
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/27/2018	12,800	2.7887
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/30/2018	8,000	2.7948
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/30/2018	8,000	2.7495
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/30/2018	16,000	2.7725
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/1/2018	18,560	2.7075
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/1/2018	5,440	2.7421
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/2/2018	20,000	2.6132
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/3/2018	12,000	2.5993
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/3/2018	8,000	2.5999
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/6/2018	8,000	2.5580
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/7/2018	16,000	2.5438
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/7/2018	16,000	2.5460
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/8/2018	76,816	2.4940
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/8/2018	119,184	2.5063
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/10/2018	800	2.4401
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/10/2018	15,440	2.4493
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/10/2018	60,000	2.4500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	8/13/2018	3,760	2.4485
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/11/2018	16	2.1450
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/24/2018	51,984	2.1349
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/24/2018	24,000	2.1500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/25/2018	16,000	2.1296
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/26/2018	62,400	2.1323
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/26/2018	14,400	2.1493
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/26/2018	40,000	2.1300
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/26/2018	57,600	2.1742
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/26/2018	80,000	2.1300
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/27/2018	49,600	2.1186
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/27/2018	48,000	2.1200
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/27/2018	64,000	2.1149

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/28/2018	16,000	2.1111
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/28/2018	56,000	2.1200
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	9/28/2018	84,000	2.1200
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/1/2018	68,000	2.1155
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/2/2018	1,280	2.1379
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/2/2018	38,720	2.1423
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/3/2018	16,000	2.1300
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/3/2018	160,000	2.1305
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/3/2018	280,000	2.1300
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/4/2018	8,000	2.0525
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/4/2018	28,000	2.0582
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/4/2018	20,000	2.0500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/5/2018	40,000	2.0376
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/5/2018	120,000	2.0199
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/8/2018	8,000	2.0080
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/10/2018	35,435	1.9721
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/10/2018	16,565	1.9600
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/10/2018	72,000	1.9992
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/11/2018	352	1.9000
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/16/2018	1,600	1.9053
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/16/2018	51,648	1.8080
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/17/2018	62,400	1.8938
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/22/2018	16,000	1.7989
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/26/2018	12,000	1.6482
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/26/2018	12,000	1.6000
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/29/2018	8,000	1.6243
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	10/29/2018	32,000	1.6182
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/2/2018	9,840	1.9166
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/5/2018	800	1.8644
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/5/2018	6,400	1.9179
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/6/2018	4,800	1.8535
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/7/2018	4,000	1.8205
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/8/2018	3,680	1.8392
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/9/2018	14,720	1.7759
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/12/2018	4,404	1.7596
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/13/2018	476	1.7482
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/19/2018	1,600	1.8588
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/20/2018	3,200	1.8210
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/23/2018	4,120	1.8754

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/27/2018	1,480	1.8453
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	11/30/2018	344	1.7900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/6/2018	800	1.7323
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/7/2018	800	1.7300
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/10/2018	800	1.7261
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase**	12/10/2018	2,500	2.5477
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/11/2018	4,800	1.7004
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/12/2018	3,200	1.6839
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/13/2018	4,800	1.6661
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/14/2018	60	1.6437
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/17/2018	1,600	1.6448
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/19/2018	12,800	1.5613
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	12/31/2018	2,000	1.6162
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/2/2019	1,200	1.5719
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/3/2019	1,600	1.5784
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/7/2019	7,200	1.6347
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/8/2019	4,800	1.5963
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/9/2019	1,808	1.5801
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/10/2019	592	1.5788
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/11/2019	600	1.5929
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/14/2019	4,200	1.5773
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/15/2019	800	1.5748
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/16/2019	2,400	1.5893
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/17/2019	2,400	1.6097
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase**	1/18/2019	45,300	2.5492
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase**	1/18/2019	290,400	2.1665
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/23/2019	23,200	1.6020
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	1/24/2019	1,552	1.5590
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	2/13/2019	6,456,403	1.6100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/14/2019	5,333	1.6335
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/19/2019	4,000,000	1.7500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/27/2019	12,000	1.8468
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/27/2019	11,440	1.8850
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/27/2019	68,080	1.8556
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/27/2019	23,440	1.8684
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/27/2019	57,200	1.8800
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	2/28/2019	72,000	1.7578
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/1/2019	1,600	1.7498
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/4/2019	1,600	1.7568

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/5/2019	4,800	1.7729
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/6/2019	4,800	1.7225
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/7/2019	19,200	1.6849
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/14/2019	1,600	1.7099
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/14/2019	8,243	1.7208
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/20/2019	4,880	1.7027
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/22/2019	4,720	1.6597
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	3/25/2019	3,200	1.6378
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	4/2/2019	2,120,981	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	4/5/2019	1,731	1.6901
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	4/8/2019	3,181,471	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	4/16/2019	650	1.5822
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	4/16/2019	280,150	1.5700
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	5/9/2019	1,049,780	1.3900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	5/14/2019	2,817,567	1.3100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/14/2019	40,625	1.2932
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/15/2019	50,375	1.2652
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/16/2019	28,925	1.3137
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/17/2019	13,000	1.2952
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/17/2019	46,735	1.2965
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/20/2019	6,532	1.2750
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/21/2019	42,900	1.2599
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/22/2019	16,705	1.2125
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/23/2019	19,500	1.1815
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/24/2019	12,220	1.1589
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/28/2019	16,321	1.1411
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/29/2019	3,445	1.2157
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	5/30/2019	6,500	1.1531
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/5/2019	5,200	1.2200
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/8/2019	8,613	1.1722
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase*	7/9/2019	100,000	1.1500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/9/2019	3,682	1.1532
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/9/2019	13,000	1.0881
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/9/2019	933,562	1.0700
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/10/2019	99,125	1.0802
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/11/2019	36,562	1.0798
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/11/2019	60,937	1.0755
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/12/2019	325	1.0850
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/12/2019	32,500	1.0861

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/12/2019	19,175	1.0864
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/15/2019	26,000	1.0798
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/16/2019	3,629	0.6007
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/30/2019	13,000	0.5726
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Purchase	7/30/2019	39,000	0.5707
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/1/2018	(16,976)	1.9240
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/2/2018	(240)	2.0010
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/15/2018	(5,965)	1.9655
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/21/2018	(849)	1.9524
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/28/2018	(5,091)	1.8422
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	11/29/2018	(1,697)	1.8932
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	12/3/2018	(5,939)	1.8868
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	12/4/2018	(6,805)	1.9041
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	12/14/2018	(60)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	1/17/2019	(144)	1.6400
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	1/18/2019	(1,056)	1.6604
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/12/2019	(1,766)	1.6100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/13/2019	(13,316)	1.6684
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/13/2019	(2,767,849)	1.6100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/13/2019	(3,688,554)	1.6100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/19/2019	(58,240)	1.8250
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/20/2019	(10,800)	1.8905
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/20/2019	(11,543)	1.9131
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/22/2019	(28,856)	2.0686
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/25/2019	(52,000)	2.0948
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/25/2019	(62,960)	2.0896
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/26/2019	(28,080)	2.1043
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	2/26/2019	(17,120)	2.1163
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	3/14/2019	(8,243)	1.7180
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/2/2019	(95,981)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/2/2019	(950,000)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/2/2019	(1,075,000)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/4/2019	(1,648)	1.7509
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/5/2019	(82)	1.7750
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/8/2019	(8,243)	1.7123
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/8/2019	(1,440,621)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/8/2019	(621,026)	1.6900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	4/8/2019	(1,119,824)	1.6900

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	5/9/2019	(1,049,780)	1.3900
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	5/14/2019	(2,199,998)	1.3100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	5/14/2019	(524,851)	1.3100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	5/14/2019	(92,718)	1.3100
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	5/16/2019	(163)	1.4001
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	7/9/2019	(3,682)	1.1511
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	7/9/2019	(100,000)	1.1500
LMA SPC for and on behalf of the MAP 98 Segregated Portfolio	Sale	7/16/2019	(3,629)	0.8995
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/26/2018	3,600	2.8131
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/27/2018	14,400	2.7887
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/30/2018	9,000	2.7948
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/30/2018	9,000	2.7495
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/30/2018	18,000	2.7725
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/1/2018	20,880	2.7075
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/1/2018	6,120	2.7421
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/2/2018	22,500	2.6132
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/3/2018	13,500	2.5993
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/3/2018	9,000	2.5999
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/6/2018	9,000	2.5580
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/7/2018	18,000	2.5438
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/7/2018	18,000	2.5460
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/8/2018	86,418	2.4940
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/8/2018	134,082	2.5063
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/10/2018	900	2.4401
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/10/2018	17,370	2.4493
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/10/2018	67,500	2.4500
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	8/13/2018	4,230	2.4485
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/11/2018	19	2.1450
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/24/2018	61,731	2.1349
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/24/2018	28,500	2.1500
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/25/2018	19,000	2.1296
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/26/2018	74,100	2.1323
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/26/2018	17,100	2.1493
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/26/2018	47,500	2.1300
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/26/2018	68,400	2.1742
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/26/2018	95,000	2.1300
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/27/2018	58,900	2.1186
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/27/2018	57,000	2.1200

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/27/2018	76,000	2.1149
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/28/2018	19,000	2.1111
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/28/2018	66,500	2.1200
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	9/28/2018	99,750	2.1200
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/1/2018	80,750	2.1155
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/2/2018	1,520	2.1379
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/2/2018	45,980	2.1423
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/3/2018	19,000	2.1300
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/3/2018	190,000	2.1305
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/3/2018	332,500	2.1300
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/4/2018	9,500	2.0525
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/4/2018	33,250	2.0582
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/4/2018	23,750	2.0500
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/5/2018	47,500	2.0376
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/5/2018	142,500	2.0199
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/8/2018	9,500	2.0080
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/10/2018	42,078	1.9721
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/10/2018	19,672	1.9600
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/10/2018	85,500	1.9992
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/11/2018	418	1.9000
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/16/2018	1,900	1.9053
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/16/2018	61,332	1.8080
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/17/2018	74,100	1.8938
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/22/2018	19,000	1.7989
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/26/2018	14,250	1.6482
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/26/2018	14,250	1.6000
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/29/2018	9,500	1.6243
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	10/29/2018	38,000	1.6182
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/2/2018	11,685	1.9166
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/5/2018	950	1.8644
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/5/2018	7,600	1.9179
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/6/2018	5,700	1.8535
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/7/2018	4,750	1.8205
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/8/2018	4,370	1.8392
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/9/2018	17,480	1.7759
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/12/2018	5,230	1.7596
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/13/2018	565	1.7482
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/19/2018	1,900	1.8588
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/20/2018	3,800	1.8210

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/23/2018	4,893	1.8754
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/27/2018	1,757	1.8453
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	11/30/2018	408	1.7900
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/6/2018	950	1.7323
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/7/2018	950	1.7300
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/10/2018	950	1.7261
Pentwater Equity Opportunities Master Fund Ltd.	Purchase**	12/10/2018	2,500	2.5477
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/11/2018	5,700	1.7004
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/12/2018	3,800	1.6839
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/13/2018	5,700	1.6661
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/14/2018	71	1.6437
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/17/2018	1,900	1.6448
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/19/2018	15,200	1.5613
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	12/31/2018	2,375	1.6162
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/2/2019	1,425	1.5719
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/3/2019	1,900	1.5784
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/7/2019	8,550	1.6347
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/8/2019	5,700	1.5963
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/9/2019	2,147	1.5801
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/10/2019	703	1.5788
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/11/2019	713	1.5929
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/14/2019	4,987	1.5773
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/15/2019	950	1.5748
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/16/2019	2,850	1.5893
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/17/2019	2,850	1.6097
Pentwater Equity Opportunities Master Fund Ltd.	Purchase**	1/18/2019	53,300	2.5490
Pentwater Equity Opportunities Master Fund Ltd.	Purchase**	1/18/2019	338,900	2.1665
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/23/2019	27,550	1.6020
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	1/24/2019	1,843	1.5590
Pentwater Equity Opportunities Master Fund Ltd.	Purchase*	2/13/2019	3,863,910	1.6100
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/14/2019	6,402	1.6335
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/19/2019	4,750,000	1.7500
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/27/2019	14,250	1.8468
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/27/2019	13,585	1.8850
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/27/2019	80,845	1.8556
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/27/2019	27,835	1.8684
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/27/2019	67,925	1.8800
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	2/28/2019	85,500	1.7578
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/1/2019	1,900	1.7498

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/4/2019	1,900	1.7568
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/5/2019	5,700	1.7729
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/6/2019	5,700	1.7225
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/7/2019	22,800	1.6849
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/14/2019	1,900	1.7099
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/14/2019	9,868	1.7208
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/20/2019	5,795	1.7027
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/22/2019	5,605	1.6597
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	3/25/2019	3,800	1.6378
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	4/5/2019	2,072	1.6901
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	4/16/2019	950	1.5822
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	4/16/2019	409,450	1.5700
Pentwater Equity Opportunities Master Fund Ltd.	Purchase*	5/14/2019	562,940	1.3100
Pentwater Equity Opportunities Master Fund Ltd.	Purchase*	5/14/2019	59,375	1.3100
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/14/2019	59,375	1.2932
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/15/2019	73,625	1.2652
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/16/2019	42,276	1.3137
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/17/2019	19,000	1.2952
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/17/2019	68,305	1.2965
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/20/2019	9,548	1.2750
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/21/2019	62,700	1.2599
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/22/2019	24,415	1.2125
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/23/2019	28,500	1.1815
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/24/2019	17,860	1.1589
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/28/2019	23,855	1.1411
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/29/2019	5,035	1.2157
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	5/30/2019	9,500	1.1531
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/5/2019	7,600	1.2200
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/8/2019	12,587	1.1722
Pentwater Equity Opportunities Master Fund Ltd.	Purchase*	7/9/2019	1,158,484	1.1500
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/9/2019	5,381	1.1532
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/9/2019	19,000	1.0881
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/9/2019	1,364,438	1.0700
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/10/2019	144,875	1.0802
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/11/2019	53,438	1.0798
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/11/2019	89,063	1.0755
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/12/2019	475	1.0850
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/12/2019	47,500	1.0861
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/12/2019	28,025	1.0864

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/15/2019	38,000	1.0798
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/16/2019	4,449	0.6007
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/30/2019	19,000	0.5726
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/30/2019	57,000	0.5707
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/31/2019	25,000	0.5836
Pentwater Equity Opportunities Master Fund Ltd.	Purchase	7/31/2019	25,000	0.5835
Pentwater Equity Opportunities Master Fund Ltd.	Purchase*	7/31/2019	50,000	0.5760
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/1/2018	(20,402)	1.9240
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/2/2018	(285)	2.0010
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/15/2018	(7,169)	1.9655
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/21/2018	(1,020)	1.9524
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/28/2018	(6,118)	1.8422
Pentwater Equity Opportunities Master Fund Ltd.	Sale	11/29/2018	(2,039)	1.8932
Pentwater Equity Opportunities Master Fund Ltd.	Sale	12/3/2018	(7,138)	1.8868
Pentwater Equity Opportunities Master Fund Ltd.	Sale	12/4/2018	(8,178)	1.9041
Pentwater Equity Opportunities Master Fund Ltd.	Sale	12/14/2018	(71)	1.6900
Pentwater Equity Opportunities Master Fund Ltd.	Sale	1/17/2019	(171)	1.6400
Pentwater Equity Opportunities Master Fund Ltd.	Sale	1/18/2019	(1,254)	1.6604
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/12/2019	(2,121)	1.6100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/13/2019	(15,988)	1.6684
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/13/2019	(394,154)	1.6100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/13/2019	(992,698)	1.6100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/13/2019	(2,477,058)	1.6100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/19/2019	(69,160)	1.8250
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/20/2019	(12,825)	1.8905
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/20/2019	(13,819)	1.9131
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/22/2019	(34,547)	2.0686
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/25/2019	(61,750)	2.0948
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/25/2019	(74,765)	2.0896
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/26/2019	(33,345)	2.1043
Pentwater Equity Opportunities Master Fund Ltd.	Sale	2/26/2019	(20,330)	2.1163
Pentwater Equity Opportunities Master Fund Ltd.	Sale	3/14/2019	(9,868)	1.7180
Pentwater Equity Opportunities Master Fund Ltd.	Sale	4/4/2019	(1,973)	1.7509
Pentwater Equity Opportunities Master Fund Ltd.	Sale	4/5/2019	(99)	1.7750
Pentwater Equity Opportunities Master Fund Ltd.	Sale	4/8/2019	(9,867)	1.7123
Pentwater Equity Opportunities Master Fund Ltd.	Sale	5/14/2019	(509,372)	1.3100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	5/14/2019	(53,568)	1.3100
Pentwater Equity Opportunities Master Fund Ltd.	Sale	5/14/2019	(59,375)	1.3100

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Pentwater Equity Opportunities Master Fund Ltd.	Sale	5/16/2019	(238)	1.4001
Pentwater Equity Opportunities Master Fund Ltd.	Sale	7/9/2019	(5,381)	1.1511
Pentwater Equity Opportunities Master Fund Ltd.	Sale	7/9/2019	(638,307)	1.1500
Pentwater Equity Opportunities Master Fund Ltd.	Sale	7/9/2019	(7,600)	1.1500
Pentwater Equity Opportunities Master Fund Ltd.	Sale	7/9/2019	(512,577)	1.1500
Pentwater Equity Opportunities Master Fund Ltd.	Sale	7/16/2019	(4,449)	0.8995
Crown Managed Accounts SPC acting for and on behalf of Crown/PW Segregated Portfolio ("Crown")	Purchase	7/26/2018	1,200	2.8131
Crown	Purchase	7/27/2018	4,800	2.7887
Crown	Purchase	7/30/2018	3,000	2.7948
Crown	Purchase	7/30/2018	3,000	2.7495
Crown	Purchase	7/30/2018	6,000	2.7725
Crown	Purchase	8/1/2018	6,960	2.7075
Crown	Purchase	8/1/2018	2,040	2.7421
Crown	Purchase	8/2/2018	7,500	2.6132
Crown	Purchase	8/3/2018	4,500	2.5993
Crown	Purchase	8/3/2018	3,000	2.5999
Crown	Purchase	8/6/2018	3,000	2.5580
Crown	Purchase	8/7/2018	6,000	2.5438
Crown	Purchase	8/7/2018	6,000	2.5460
Crown	Purchase	8/8/2018	28,806	2.4940
Crown	Purchase	8/8/2018	44,694	2.5063
Crown	Purchase	8/10/2018	300	2.4401
Crown	Purchase	8/10/2018	5,790	2.4493
Crown	Purchase	8/10/2018	22,500	2.4500
Crown	Purchase	8/13/2018	1,410	2.4485
Crown	Purchase	9/11/2018	6	2.1450
Crown	Purchase	9/24/2018	19,494	2.1349
Crown	Purchase	9/24/2018	9,000	2.1500
Crown	Purchase	9/25/2018	6,000	2.1296
Crown	Purchase	9/26/2018	23,400	2.1323
Crown	Purchase	9/26/2018	5,400	2.1493
Crown	Purchase	9/26/2018	15,000	2.1300
Crown	Purchase	9/26/2018	21,600	2.1742
Crown	Purchase	9/26/2018	30,000	2.1300
Crown	Purchase	9/27/2018	18,600	2.1186
Crown	Purchase	9/27/2018	18,000	2.1200
Crown	Purchase	9/27/2018	24,000	2.1149

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Crown	Purchase	9/28/2018	6,000	2.1111
Crown	Purchase	9/28/2018	21,000	2.1200
Crown	Purchase	9/28/2018	31,500	2.1200
Crown	Purchase	10/1/2018	25,500	2.1155
Crown	Purchase	10/2/2018	480	2.1379
Crown	Purchase	10/2/2018	14,520	2.1423
Crown	Purchase	10/3/2018	6,000	2.1300
Crown	Purchase	10/3/2018	60,000	2.1305
Crown	Purchase	10/3/2018	105,000	2.1300
Crown	Purchase	10/4/2018	3,000	2.0525
Crown	Purchase	10/4/2018	10,500	2.0582
Crown	Purchase	10/4/2018	7,500	2.0500
Crown	Purchase	10/5/2018	15,000	2.0376
Crown	Purchase	10/5/2018	45,000	2.0199
Crown	Purchase	10/8/2018	3,000	2.0080
Crown	Purchase	10/10/2018	13,288	1.9721
Crown	Purchase	10/10/2018	6,212	1.9600
Crown	Purchase	10/10/2018	27,000	1.9992
Crown	Purchase	10/11/2018	132	1.9000
Crown	Purchase	10/16/2018	600	1.9053
Crown	Purchase	10/16/2018	19,368	1.8080
Crown	Purchase	10/17/2018	23,400	1.8938
Crown	Purchase	10/22/2018	6,000	1.7989
Crown	Purchase	10/26/2018	4,500	1.6482
Crown	Purchase	10/26/2018	4,500	1.6000
Crown	Purchase	10/29/2018	3,000	1.6243
Crown	Purchase	10/29/2018	12,000	1.6182
Crown	Purchase	11/2/2018	3,690	1.9166
Crown	Purchase	11/5/2018	300	1.8644
Crown	Purchase	11/5/2018	2,400	1.9179
Crown	Purchase	11/6/2018	1,800	1.8535
Crown	Purchase	11/7/2018	1,500	1.8205
Crown	Purchase	11/8/2018	1,380	1.8392
Crown	Purchase	11/9/2018	5,520	1.7759
Crown	Purchase	11/12/2018	1,651	1.7596
Crown	Purchase	11/13/2018	179	1.7482
Crown	Purchase	11/19/2018	600	1.8588
Crown	Purchase	11/20/2018	1,200	1.8210
Crown	Purchase	11/23/2018	1,545	1.8754

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Crown	Purchase	11/27/2018	555	1.8453
Crown	Purchase	11/30/2018	129	1.7900
Crown	Purchase	12/6/2018	300	1.7323
Crown	Purchase	12/7/2018	300	1.7300
Crown	Purchase	12/10/2018	300	1.7261
Crown	Purchase	12/11/2018	1,800	1.7004
Crown	Purchase	12/12/2018	1,200	1.6839
Crown	Purchase	12/13/2018	1,800	1.6661
Crown	Purchase	12/14/2018	23	1.6437
Crown	Purchase	12/17/2018	600	1.6448
Crown	Purchase	12/19/2018	4,800	1.5613
Crown	Purchase	12/31/2018	750	1.6162
Crown	Purchase	1/2/2019	450	1.5719
Crown	Purchase	1/3/2019	600	1.5784
Crown	Purchase	1/7/2019	2,700	1.6347
Crown	Purchase	1/8/2019	1,800	1.5963
Crown	Purchase	1/9/2019	678	1.5801
Crown	Purchase	1/10/2019	222	1.5788
Crown	Purchase	1/11/2019	225	1.5929
Crown	Purchase	1/14/2019	1,575	1.5773
Crown	Purchase	1/15/2019	300	1.5748
Crown	Purchase	1/16/2019	900	1.5893
Crown	Purchase	1/17/2019	900	1.6097
Crown	Purchase	1/23/2019	8,700	1.6020
Crown	Purchase	1/24/2019	582	1.5590
Crown	Purchase	1/30/2019	33,528	1.6443
Crown	Purchase	1/31/2019	30,690	1.6675
Crown	Purchase	2/4/2019	19,670	1.6662
Crown	Purchase	2/5/2019	29,100	1.6643
Crown	Purchase	2/7/2019	6,626	1.6588
Crown	Purchase	2/8/2019	30,877	1.6400
Crown	Purchase	2/14/2019	747	1.6335
Crown	Purchase	2/19/2019	2,170,000	1.7500
Crown	Purchase	2/27/2019	6,510	1.8468
Crown	Purchase	2/27/2019	6,206	1.8850
Crown	Purchase	2/27/2019	36,933	1.8556
Crown	Purchase	2/27/2019	12,716	1.8684
Crown	Purchase	2/27/2019	31,031	1.8800
Crown	Purchase	2/28/2019	27,000	1.7578

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Crown	Purchase	3/1/2019	600	1.7498
Crown	Purchase	3/4/2019	600	1.7568
Crown	Purchase	3/5/2019	1,800	1.7729
Crown	Purchase	3/6/2019	1,800	1.7225
Crown	Purchase	3/7/2019	7,200	1.6849
Crown	Purchase	3/14/2019	600	1.7099
Crown	Purchase	3/14/2019	2,024	1.7208
Crown	Purchase	3/20/2019	1,830	1.7027
Crown	Purchase	3/22/2019	1,770	1.6597
Crown	Purchase	3/25/2019	1,200	1.6378
Crown	Purchase*	4/2/2019	521,164	1.6900
Crown	Purchase	4/5/2019	425	1.6901
Crown	Purchase*	4/8/2019	781,747	1.6900
Crown	Purchase	4/16/2019	350	1.5822
Crown	Purchase	4/16/2019	150,850	1.5700
Crown	Purchase*	5/9/2019	263,488	1.3900
Crown	Purchase	5/14/2019	21,875	1.2932
Crown	Purchase	5/15/2019	27,125	1.2652
Crown	Purchase	5/16/2019	15,575	1.3137
Crown	Purchase	5/17/2019	7,000	1.2952
Crown	Purchase	5/17/2019	25,165	1.2965
Crown	Purchase	5/20/2019	3,517	1.2750
Crown	Purchase	5/21/2019	23,100	1.2599
Crown	Purchase	5/22/2019	8,995	1.2125
Crown	Purchase	5/23/2019	10,500	1.1815
Crown	Purchase	5/24/2019	6,580	1.1589
Crown	Purchase	5/28/2019	8,788	1.1411
Crown	Purchase	5/29/2019	1,855	1.2157
Crown	Purchase	5/30/2019	3,500	1.1531
Crown	Purchase	7/5/2019	2,800	1.2200
Crown	Purchase	7/8/2019	4,637	1.1722
Crown	Purchase*	7/9/2019	2,200,000	1.1500
Crown	Purchase	7/9/2019	1,982	1.1532
Crown	Purchase	7/9/2019	7,000	1.0881
Crown	Purchase	7/9/2019	502,687	1.0700
Crown	Purchase	7/10/2019	53,375	1.0802
Crown	Purchase	7/11/2019	19,687	1.0798
Crown	Purchase	7/11/2019	32,812	1.0755
Crown	Purchase	7/12/2019	175	1.0850

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Crown	Purchase	7/12/2019	17,500	1.0861
Crown	Purchase	7/12/2019	10,325	1.0864
Crown	Purchase	7/15/2019	14,000	1.0798
Crown	Purchase	7/16/2019	1,006	0.6007
Crown	Purchase	7/30/2019	7,000	0.5726
Crown	Purchase	7/30/2019	21,000	0.5707
Crown	Sale	11/1/2018	(2,163)	1.9240
Crown	Sale	11/2/2018	(90)	2.0010
Crown	Sale	11/15/2018	(767)	1.9655
Crown	Sale	11/21/2018	(109)	1.9524
Crown	Sale	11/28/2018	(656)	1.8422
Crown	Sale	11/29/2018	(219)	1.8932
Crown	Sale	12/3/2018	(765)	1.8868
Crown	Sale	12/4/2018	(876)	1.9041
Crown	Sale	12/14/2018	(23)	1.6900
Crown	Sale	1/17/2019	(54)	1.6400
Crown	Sale	1/18/2019	(396)	1.6604
Crown	Sale	2/12/2019	(247)	1.6100
Crown	Sale	2/13/2019	(1,865)	1.6684
Crown	Sale	2/19/2019	(31,595)	1.8250
Crown	Sale	2/20/2019	(2,816)	1.9131
Crown	Sale	2/20/2019	(5,859)	1.8905
Crown	Sale	2/22/2019	(7,040)	2.0686
Crown	Sale	2/25/2019	(28,210)	2.0948
Crown	Sale	2/25/2019	(34,156)	2.0896
Crown	Sale	2/26/2019	(10,530)	2.1043
Crown	Sale	2/26/2019	(6,420)	2.1163
Crown	Sale	3/14/2019	(2,024)	1.7180
Crown	Sale	4/2/2019	(5,000)	1.6900
Crown	Sale	4/2/2019	(210,000)	1.6900
Crown	Sale	4/2/2019	(306,164)	1.6900
Crown	Sale	4/4/2019	(405)	1.7509
Crown	Sale	4/5/2019	(20)	1.7750
Crown	Sale	4/8/2019	(2,025)	1.7123
Crown	Sale	4/8/2019	(511,400)	1.6900
Crown	Sale	4/8/2019	(257,913)	1.6900
Crown	Sale	4/8/2019	(12,434)	1.6900
Crown	Sale	5/9/2019	(263,488)	1.3900

The Pentwater Funds**Transactions in Turquoise Hill Resources Ltd.**

<u>Fund</u>	<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Crown	Sale	5/16/2019	(88)	1.4001
Crown	Sale	7/9/2019	(1,982)	1.1511
Crown	Sale	7/9/2019	(1,910,693)	1.1500
Crown	Sale	7/9/2019	(289,307)	1.1500
Crown	Sale	7/16/2019	(1,006)	0.8995

*Traded through a swap contract.

**Trade was the result of an exercise of an option contract that had been purchased or written before the start of the class period.